

Serial No. 10/518,309
Atty. Doc. No. 2002P03697WOUS

Amendments to the claims:

Please amend the claims as shown. Applicants reserve the right to pursue any canceled claims at a later date.

1.-15. (cancelled)

16. (currently amended) A contact device for an electrical cable with a cable shield, comprising:

an arc-shaped contact part that can be fastened around the sheath of the cable and is provided with contact elements that protrude in a radially inward manner,

wherein each contact element includes a tip such that during installation of the contact device in a direction of impact that is oriented inwards and in an essentially radial manner, the tip penetrates the cable sheath and produces an electrical contact with the cable shield,

~~wherein each tip is equally spaced from each other tip,~~

wherein the contact part is formed as a cable clip,

wherein a gear ring is formed from radially inward bent edges of the cable clip ~~being,~~

wherein teeth of the gear ring form the contact elements,

wherein the gear ring has a plurality of rigid stops bent radially inward between the teeth, the stops centering the cable clip when the cable clip is in the a fastened state.

17. (previously presented) The contact device according to Claim 16, wherein the teeth of the fastened contact clip penetrate the cable sheath such that an electrical contact is provided in an essentially concentric area with respect to the longitudinal axis of the cable.

18. (previously presented) The contact device according to Claim 16, wherein the cable clip is made from a punched and shaped component of sheet metal section.

19. (previously presented) The contact device according to Claim 17, wherein the cable clip is made from a punched and shaped component of sheet metal section.

20. (previously presented) The contact device according to Claim 16, wherein the teeth are triangular shaped and the tips are arranged at equal distances apart.

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21. (previously presented) The contact device according to Claim 17, wherein the teeth are triangular shaped and the tips are arranged at equal distances apart.

22. (previously presented) The contact device according to Claim 16, wherein each tooth has a tooth height that is smaller than or equal to an overall thickness, wherein the overall thickness comprises the thickness of the cable sheath and the thickness of the cable shield.

23. (previously presented) The contact device according to Claim 17, wherein each tooth has a tooth height that is smaller than or equal to an overall thickness, wherein the overall thickness comprises the thickness of the cable sheath and the thickness of the cable shield.

24. (previously presented) The contact device according to Claim 18, wherein each tooth has a tooth height that is smaller than or equal to an overall thickness, wherein the overall thickness comprises the thickness of the cable sheath and the thickness of the cable shield.

25. (previously presented) The contact device according to Claim 16, wherein the teeth are arranged on the peripheral side over gaps.

26. (previously presented) The contact device according to Claim 17, wherein the teeth are arranged on the peripheral side over gaps.

27. (previously presented) The contact device according to Claim 16, wherein contact part and all the teeth are made from one piece and from the same metallic material.

28. (canceled)

29. (canceled)

30. (previously presented) The contact device according to Claim 16, wherein the contact part is manufactured from a corrosion-resistant material.

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31. (canceled)

32. (previously presented) The contact device according to Claim 16, wherein the contact part is fastened to a board of an electrical device using a bolted connection and the cable shield is electrically connected to the ground potential of the board by the contact part.

33. (previously presented) The contact device according to Claim 16, wherein the contact part is extrusion-coated or overmolded except for the contact surfaces with a polymer or elastomer material.

34. (currently amended) An electrical device, comprising a support unit for module frames which are connected to each other by shielded electrical cables having cable shields, wherein at least one cable shield is connected to the ground potential of the support unit by a contact device, wherein the contact device comprises:

an arc-shaped contact part that can be fastened around the sheath of the cable and is provided with contact elements that protrude in a radially inward manner,

wherein each contact element includes a tip such that during installation of the contact device in a direction of impact that is oriented inwards and in an essentially radial manner, the tip penetrates the cable sheath and produces an electrical contact with the cable shield,

wherein each tip is equally spaced from each other tip,

wherein the contact part is formed as a cable clip,

wherein a gear ring is formed from radially inward bent edges of the cable clip being,

wherein teeth of the gear ring form the contact elements,

wherein the gear ring has a plurality of rigid stops bent radially inward between the teeth, the stops centering the cable clip when the cable clip is in the a fastened state.

35. (new) The contact device according to Claim 16, wherein each tip is equally spaced from each other tip.

36. (new) The contact device according to Claim 34, wherein each tip is equally spaced from each other tip.